

What will PNIEC Italy do in 2030?

PNIEC Italy envisions a robust energy storage landscape by 2030, targeting a total installation of 22.5 GW. This portfolio includes 8 GW of pumped hydro systems (largely already in place), 4 GW of distributed storage systems connected to residential solar projects, and a significant 11 GW commitment for new utility-scale facilities.

How important are Bess in Italy's energy transition?

MP: BESS are becoming increasingly vital in Italy's energy transition. With the ambitious targets outlined in the National Energy and Climate Plan (NECP), including reducing carbon emissions and increasing renewable energy to 30% of final energy consumption by 2030, BESS are essential.

Why is Telis energy advancing Bess Technology in Italy?

MP: Telis Energy is committed to advancing BESS technology in Italy. We are deploying state-of-the-art storage solutions and building strategic partnerships to address sector challenges. We focus on innovation and collaboration to accelerate the adoption of BESS and make a significant contribution to Italy's energy transition goals.

What role will Bess play in Italy's future energy landscape?

MP: BESS will play a critical role in stabilizing Italy's future energy landscape. As more renewable energy sources are integrated into the national grid, BESS will ensure that we meet Italy's climate targets. By 2030, we expect BESS to be indispensable for optimizing energy use and providing a reliable, sustainable energy system.

How much energy storage capacity does Italy have?

As of November 2024 Italy had 5.1 GW/11.7 GWh of energy storage capacity. This is almost exclusively small-scale residential system, with utility-scale storage systems providing just 864 MW. To help achieve the target for utility-scale storage build-out, the Italian government has implemented the MACSE subsidy scheme as supporting legislation.

Is Bess a good investment in northern Italy?

While Northern Italy currently has the largest installed BESS capacity in the country, a build-out of RES in the South is increasing energy price volatility, creating a more compelling investment case for BESS in this region.



Industrial battery cabinet project financing options in Italy 2030



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